

Table 1: Significance table.

	Events <sub>after<math>\alpha</math>lphat<math>_2</math>jets<math>_a</math>nd<math>_P</math>FS<math>L</math>cuts</sub>	Events <sub>after<math>\alpha</math>lphat<math>_2</math>jets<math>_a</math>nd<math>_S</math>L<math>_cuts</math></sub>
QCD $_{Pt15}$	4791 +- 4791	9581 +- 6775
QCD $_{Pt30}$	388 +- 388	388 +- 388
QCD $_{Pt80}$	68.25 +- 25.8	97.51 +- 30.83
QCD $_{Pt170}$	19.62 +- 2.313	10.36 +- 1.68
QCD $_{Pt300}$	1.904 +- 0.157	0.1813 +- 0.04847
QCD $_{Pt470}$	0.3558 +- 0.02215	0 +- 0
QCD $_{Pt800}$	0.02147 +- 0.0008534	0 +- 0
QCD $_{Pt1400}$	0.000186 +- 7.932e-06	0 +- 0
TTbar $_{temp}$	48.47 +- 0.5526	43.99 +- 0.5265
WJets $_{temp}$	187.8 +- 25.55	257.3 +- 29.91
ZJets $_{temp}$	3.644 +- 0.5006	4.951 +- 0.5834
ww $_{pat_1}$	3.95 +- 1.317	3.511 +- 1.241
wz $_{pat_1}$	2.633 +- 0.4976	3.197 +- 0.5483
zz $_{pat_1}$	1.26 +- 0.3056	1.334 +- 0.3145
LM0 $_{temp}$	41.79 +- 0.4537	32.31 +- 0.399
Significancy	0.5626	0.317
QCD Significancy	0.5757	0.3219